



State of Utah

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Department of Administrative Services

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Executive Director

Division of Facilities Construction and Management

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Director

ADDENDUM #1

Date: 22, November 2005

To: Contractors

From: Bob Anderson, Project Manager

Reference: Department of Human Services
Utah State Developmental Center
Old School Building Asbestos Abatement
DFCM Project No. 05190410

Subject: **Addendum No. 1**

Pages	Addendum	1 Page
	Revised Bid Form	2 Pages
	<u>Specifications</u>	<u>4 Pages</u>
	Total Pages	7 Pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

1.1 GENERAL

Reference the attached Revised Bid Form and Specifications.

End of Addendum



STATE OF UTAH - DEPARTMENT OF ADMINISTRATIVE SERVICES

Division of Facilities Construction and Management

DFCM

BID FORM – REVISED

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the "Instructions to Bidders", in compliance with your invitation for bids for the **ASBESTOS ABATEMENT FOR DEMOLITION – OLD SCHOOL BUILDING – UTAH STATE DEVELOPMENTAL CENTER DEPARTMENT OF HUMAN SERVICES – AMERICAN FORK, UTAH – DFCM PROJECT NO. 05190410** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

Unit Price #1: for abatement of asbestos-containing pipe fittings, lateral and conicles: _____ each
Unit Price #2: for abatement of asbestos-containing thermal systems insulation _____ L/FT

I/We guarantee that the Work will be Substantially Complete within **75 calendar days** after receipt of the Notice to Proceed, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$250.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization:

(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

Respectfully submitted,

Name of Bidder

ADDRESS:

Authorized Signature

Division 02 - Site Work

02 000 General

02 080 Hazardous Material Abatement

02 081 Asbestos Abatement

Addendum 1 to Scope of Work: Utah State Developmental Center School Building, American Fork, Utah, November 21, 2005 (Projected 56-day Work Period)

1. Floor Tile Removal (MODIFIED)

a. Contractor shall remove all floor tile from the building as shown on the included floor plans (**adhesive is non-ACM**). The floor tile contains **up to 20% chrysotile** asbestos. There is a total of approximately **4,500 square feet** of **non-friable** floor tile to be removed. This material is present in Room G6, G9 (9" grey/tan/white streaked), G27 (9" pink, white streaks), G8, G22, G24 (12" tan, gold, grey streaks), G5, G11, G22 (12" salmon/red), G10, G23, G25, G26 (12" white, caramel streaks), G13 (12" off-white, tan/green streaks), G17, G28, G29, G30 (12" beige/brown/white). Contractor shall remove all carpet covering the floor tile to be removed. **NOTE: Drawings may show floor tile areas as "Rolled Vinyl Flooring", which is not accurate.**

b. Contractor shall remove all accessible flooring material. If walls have been built on top or otherwise prevent removal of floor tile, Contractor shall remove the obstruction and remove the remaining material.

c. Deleted.

d. Contractor shall maintain at least four air changes per hour in the containment, and negative pressure of a minimum of -0.02 column inches of water pressure differential, relative to outside pressure, during the entire project, as verified by a permanent recording device.

2. Sinks and Undercoat

a. Contractor shall remove the two sinks from Room G24. The tar undercoating is **non-friable** and contains **10% Chrysotile asbestos**.

3. Chalkboards

a. Contractor shall remove the **12** chalkboards from Rooms G1, G3, G8, G10, G12, G22, U1, U10, U14 and U24. These contain **10% Chrysotile asbestos** and are currently **non-friable**.

4. Thermal System Insulation (Mudded Fittings and Aircell Pipe Insulation) (MODIFIED)

a. Contractor shall remove the **pipe insulation and** mudded fittings from the pipes in the tunnels **and wall risers**. There are approximately **150** fittings, joints, elbows, etc., **and 480 linear feet of pipe insulation** containing **up to 70% Chrysotile asbestos**, to be removed. These materials are **friable**.

b. (NEW) Access to the tunnels and risers is extremely restricted and may require floor-cutting and wall demolition in order to access and remove the existing ACM insulation. Contractor is responsible for removing all ACM from the tunnels and riser areas and any access-related cutting or demolition needed to accomplish the work. Contractor shall provide a unit price for any additional pipe insulation that is found (above the 480 linear feet included in the base bid). Contractor is advised that pipes may contain liquids of questionable origin and that “wrap and cut” methods may result in “brown water” or other potential health issues. By bidding on the project, Contractor certifies that he has been notified of, and has planned to address these potentials as part of his base bid.

5. Surfacing Material (Plaster) (MODIFIED)

a. Contractor shall remove the **white** plaster surfacing coat **and any brown, orange or tan layer** from the building. This material has been installed on walls and ceilings throughout the building. Contractor shall remove the top facing layers, which varies in depth up to approximately one inch thick, **up to but not including the gray cementitious substrate**. There is approximately **52,850 square feet** of material to be removed. Approximately 2,640 square feet of this material has been covered over by a brick facade in the upper gymnasium area. All surfacing material (**excepting the gray cementitious substrate**) is considered **friable** and contains up to **1.2% Chrysotile asbestos**.

b. (NEW) Fire detection and suppression equipment shall be protected and salvaged for re-use by Owner.

c. (NEW) Some salvage activity has occurred since the pre-bid conference. Some wall plaster has been damaged and particulate contamination is on the floor substrate. Contractor shall ensure that any contamination is contained to the building during set-up and his work.

6. General

a. Contractor shall ensure that a 40-hour trained project supervisor is in attendance during all phases of the work.

b. Contractor shall ensure his plans are compatible with the facility operation and with the National Electrical Code. Contractor shall use only electrical equipment rated for work in "damp

environments" in the containment area. Any equipment not labeled "rated for work in damp environments" may not be permitted in the containment. Contractor shall provide a minimum of four operating electrical receptacles with which to operate Industrial Hygiene Consultant equipment.

c. Contractor shall ensure all equipment brought onto the site is free of suspect asbestos-containing material (ACM). Industrial Hygiene Consultant may disallow use of any equipment with suspect ACM.

d. Contractor shall provide a certificate of weight and measure (or other certification acceptable to the Industrial Hygiene Consultant) for all ACM waste taken from the site. The certification shall list gross, tare and net weights for all ACM waste. Contractor shall also provide, on Contractor's letterhead, a listing of each manifest used for the project, by number and waste tonnage (in pounds) specific to that manifest. Listing shall show if ACM was disposed of as regulated waste, non-hazardous or any other state-approved category of waste. This information shall be provided prior to, or at the time of invoice submission.

e. All poly sheeting used by Contractor on the project shall be of the fire-retardant type. Each containment area shall be built with a clear plexiglass window no smaller than two feet square, which allows viewing of the entire work from outside the regulated area.

f. The most stringent regulations in effect for the work site shall apply. Contractor shall determine the extent of city, county, state, federal and all other applicable regulations and perform the work in compliance with these regulations.

g. Contractor shall provide an English-speaking interpreter on-site any time Contractor personnel are non-English-speaking.

h. Electrical extension cords shall be suspended off the floor of any regulated area. Contractor shall not use any existing electrical outlet in any regulated area (appliances or cords may not be plugged through the containment wall).

i. Removed ACM shall be cleaned up, bagged and removed to the disposal container/vehicle on at least a daily basis. No removed ACM shall be left in the containment at the end of the work shift. All waste shall be disposed of at an in-state waste facility unless agreed to in writing by the Industrial Hygiene Consultant prior to transport. Contractor shall use a waste container that can be made secure from unauthorized access or disposal. All ACM waste shall be transported in leak-tight containers, in poly-lined, enclosed containers/vehicles, separate from non-ACM waste.

j. Contractor shall ensure toilets on the job site used by and/or for Contractor's personnel are maintained appropriately and in a hygienic manner.

k. All dimensions, quantities and areas provided in this scope of work are approximations to assist Contractor in determining the amount of ACM designated for removal. Contractor is entirely responsible for accurately determining the amount of ACM included in the scope of work.

l. Contractor shall provide a written Project Design to the Industrial Hygiene Consultant on or before the date one week prior to the start of the project. This submittal shall be prepared by an accredited project designer and shall include a daily/weekly completion time-line and explanations/diagrams showing how the work will progress. Contractor shall also furnish a copy of the notification submitted to the State of Utah DAQ at this time.

m. (NEW) Contractor shall build a “hard” plywood barrier at the entrance to the new auditorium on the ground floor. The auditorium may be occupied during Contractor’s work.